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IN THE U.S. PATENT AND TRADEMARK OFFICE

Applicant: Tadayuki SUZUKI et al.

For: Freshness-keeping agent for plants

Serial No.: 09/744 678

Group: 1616

Filed: April 10, 2001

Examiner: A. Pryor

Attorney docket

No.: 0425-0821P

The Commissioner of Patents and Trademarks
Washington, D.C. 20231

DECLARATION UNDER 37 CFR 1.132

I, Tadayuki SUZUKI, declare as follows:

I am one of the co-inventors of the invention as claimed and described in the instant patent application. I have carried out additional tests, procedures and results of which are described below.

Additional examples and comparative examples were carried out in the same way as Example 2 of the instant patent application except for the effective components and their concentrations as shown in Table 24 and 25, hereto attached. Test results are shown in Table 24 and 25. It is noted that the combination of (A) with (C) or (F) according to the claimed invention is superior to otherwise.

I hereby declare that all statements made herein of any own knowledge are true, and that all statements made on information and belief are believed to be true; and further, that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine

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or imprisonment, or both, under Section 1001 of Title 18 of the United State Code, and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Dated: April 8, 2003

Tadayuki Suzuki

Tadayuki SUZUKI

Table 24 and 25 hereto attached

Table 24

	Plant hormone (C)	Surfactant (A)	The number of days for the flowers being preserved		
			chrysanthemum	carnation	rose
Inventive product	Gibberellin(GA3) 1ppm	Decyl polyglucoside 1ppm	11	11	10
	Gibberellin(GA3) 1ppm	Decyl polyglucoside 10ppm	12	12	12
	Gibberellin(GA3) 1ppm	Decyl polyglucoside 100ppm	11	12	12
	Gibberellin(GA3) 1ppm	Sucrose fatty acid ester 1ppm	11	11	10
	Gibberellin(GA3) 1ppm	Sucrose fatty acid ester 10ppm	12	12	10
	Gibberellin(GA3) 1ppm	Sucrose fatty acid ester 100ppm	11	10	9
	Gibberellin(GA3) 1ppm	Sorbitan fatty acid ester 1ppm	11	11	11
	Gibberellin(GA3) 1ppm	Sorbitan fatty acid ester 10ppm	12	12	11
	Gibberellin(GA3) 1ppm	Sorbitan fatty acid ester 100ppm	11	11	9
	Gibberellin(GA3) 1ppm	Sugar-based fatty acid amide 1ppm	10	9	9
	Gibberellin(GA3) 1ppm	Sugar-based fatty acid amide 10ppm	10	10	10
	Gibberellin(GA3) 1ppm	Sugar-based fatty acid amide 100ppm	11	10	10
	Kinetin 1ppm	Sorbitan fatty acid ester 10ppm	9	9	8
	2,4-D 10ppm	Sorbitan fatty acid ester 10ppm	8	8	8
	Tap water		5	5	3
	Chrysal 2%		7	7	5
	Gibberellin(GA3) 1ppm		4	4	3
	Kinetin 1ppm		4	4	3
Comparative product	2,4-D 10ppm		3	3	3
		Decyl polyglucoside 10ppm	5	5	4
		Sucrose fatty acid ester 10ppm	5	5	4
		Sorbitan fatty acid ester 10ppm	5	5	4
		Sugar-based fatty acid amide 10ppm	5	4	4

Table 25

	Germicide, fungicide and preservative (F)	Surfactant (A)	The number of days for the flowers being preserved			
			chrysanthemum	camellia	rose	
Inventive product	Proxel 200ppm	Decyl polyglucoside 1ppm	9	9	8	
	Proxel 200ppm	Decyl polyglucoside 10ppm	10	10	9	
	Proxel 200ppm	Decyl polyglucoside 100ppm	10	10	9	
	Proxel 200ppm	Sucrose fatty acid ester 1ppm	9	9	8	
	Proxel 200ppm	Sucrose fatty acid ester 10ppm	10	10	9	
	Proxel 200ppm	Sucrose fatty acid ester 100ppm	9	9	9	
	Proxel 200ppm	Sorbitan fatty acid ester 1ppm	10	10	9	
	Proxel 200ppm	Sorbitan fatty acid ester 10ppm	11	10	10	
	Proxel 200ppm	Sorbitan fatty acid ester 100ppm	10	10	9	
	Proxel 200ppm	Sugar-based fatty acid amide 1ppm	10	9	9	
	Proxel 200ppm	Sugar-based fatty acid amide 10ppm	10	10	9	
	Proxel 200ppm	Sugar-based fatty acid amide 100ppm	11	10	10	
	8-hydroxyquinoline 500ppm	Sorbitan fatty acid ester 10ppm	9	10	9	
	Didecyl dimethyl ammonium chloride 5ppm	Sorbitan fatty acid ester 10ppm	8	8	8	
	Tap water		5	5	3	
	Chrysal 2%		7	7	5	
	Proxel 200ppm		5	4	4	
	8-hydroxyquinoline 500ppm		4	4	3	
Comparative product	Didecyl dimethyl ammonium chloride 5ppm		4	4	3	
		Decyl polyglucoside 10ppm	5	5	4	
		Sucrose fatty acid ester 10ppm	5	5	4	
		Sorbitan fatty acid ester 10ppm	5	5	4	
		Sugar-based fatty acid amide 10ppm	5	4	4	